Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims

Claim 1 (Currently Amended): A signal processing apparatus, comprising:

processing means for executing a plurality of processes, wherein the plurality of processes include at least one of processes of program record reservation, listening/viewing reservation, ~~program detailed information display,~~ and program data reproduction;

input means for inputting program data and program information of the program data;

assigning means for automatically assigning each program with a unique code corresponding to the process to be executed to the program; and

control means for controlling said processing means to execute the plurality of processes in accordance with the code assigned by said assigning means.

Claim 2 (Canceled).

Claim 3 (Cancelled).

Claim 4 (Previously presented): An apparatus according to claim 1, further comprising:

searching means for searching the program information input by said input means in accordance with a predetermined search condition;

wherein the plurality of processes include a process for the program data corresponding to the program information searched by said searching means.

Claim 5 (Cancelled).

- 2 -

Claim 6 (Original):   An apparatus according to claim 4, wherein said searching means sets a search condition for each of a plurality of users.

Claim 7 (Currently Amended):   A signal processing apparatus, comprising:

processing means for executing a plurality of processes ~~for a plurality of processes~~;

assigning means for automatically assigning each process with a unique code used for executing each of the plurality of processes;

control means for controlling said processing means to execute the plurality of processes in accordance with the code assigned by said assigning means;

input means for inputting program data and program information of the program data; and

searching means for searching the program information input by said input means in accordance with a predetermined search condition, wherein said searching means adds a search point if a program matches a search condition and selects a program having a high search point, and the search condition includes a condition that the search point lowers more as the number of assignment times of the code by said assigning means for the plurality of processes is larger.

Claim 8 (Original):   An apparatus according to claim 4, further comprising outputting means for outputting code information representative of a correspondence between a process to be executed for the code assigned by said assigning means and the code, wherein said searching means sets a plurality of search conditions, and said outputting means outputs the code information for a plurality of search results searched for each search condition.

Claim 9 (Original):   An apparatus according to claim 8, wherein said outputting means outputs the code information for the plurality of search results to a printer unit.

- 3 -

Claim 10 (Original): An apparatus according to claim 1, further comprising outputting means for outputting code information representative of a correspondence between a process to be executed for the code assigned by said assigning means and the code.

Claim 11 (Original): An apparatus according to claim 10, wherein said outputting means outputs the code information to a printer unit.

Claim 12 (Original): An apparatus according to claim 11, wherein a code assignment process by said assigning means and a code information output process by said outputting means to the printer unit are executed at a predetermined time.

Claim 13 (Original): An apparatus according to claim 12, further comprising setting means for manually setting the predetermined time.

Claim 14 (Original): An apparatus according to claim 11, wherein said outputting means outputs the code information to a display unit.

Claim 15 (Original): An apparatus according to claim 1, further comprising code inputting means for manually inputting the code, wherein said control means controls said processing means in accordance with the code input by said input means and the code assigned by said assigning means.

Claim 16 (Currently Amended): A signal processing method for executing a plurality of processes for a plurality of functions, the method comprising steps of:

inputting program data and program information of program data;

automatically assigning each program with a unique code corresponding to the process to be executed to the program; and

executing each of the plurality of processes in accordance with the assigned code,

- 4 -

wherein the plurality of processes include at least one of processes of program record reservation, listening/viewing reservation, ~~program detailed information display~~, and program data reproduction.

Claim 17 (Currently Amended):   A signal processing system, comprising:

processing means for executing a plurality of processes, wherein the plurality of processes include at least one of processes of program record reservation, listening/viewing reservation, ~~program detailed information display~~, and program data reproduction;

input means for inputting program data and program information of the program data;

assigning means for automatically assigning each program with a unique code corresponding to the process to be executed to the program;

printing means for printing code information representative of a correspondence between a process to be executed for the code assigned by said assigning means and the code;

code inputting means for manually inputting the code; and

control means for controlling said processing means to execute each of the plurality of processes in accordance with the code assigned by said assigning means and the code input by said code inputting means.

Claim 18 (Currently Amended):   A printing apparatus, comprising:

inputting means for inputting code information output from a signal processing apparatus which automatically assigns each program whose program data and program information have been input to the signal processing apparatus with a unique code corresponding to the process to be executed to the program and executes each of the plurality of processes, wherein the plurality of processes include at least one of processes of program

- 5 -

record reservation, listening/viewing reservation, ~~program detailed information display,~~ and

program data reproduction; and

printing means for printing the code information input by said inputting means.

Claim 19 (Currently Amended):   A signal processing apparatus, comprising:

receiving means for receiving a television signal containing image data of a plurality of

programs;

assigning means for assigning a code to each of the plurality of programs received by

said receiving means corresponding to the process to be executed to the program, wherein the

process includes at least one of processes of program record reservation, listening/viewing

reservation, ~~program detailed information display,~~ and program data reproduction;

recording means for recording the image data in a storage medium;

code inputting means for manually inputting an optional code; and

control means for controlling said recording means in accordance with the code

manually input by said code inputting means and the code assigned by said assigning means.

Claim 20 (Original):   An apparatus according to claim 19, further comprising

reproducing means for reproducing the image data of the plurality of programs recorded in the

recording medium, wherein said assigning means further assigns the code to each of the

plurality of programs recorded in the recording medium, and said control means further

controls a reproduction operation by said reproducing means in accordance with the manually

input code and the assigned code.

Claim 21 (Original):   An apparatus according to claim 19, wherein said assigning

means includes searching means for searching the program matching the search condition from

- 6 -

the plurality of programs, and assigns the code only to the program searched by said searching means.

Claim 22 (Currently Amended):   A signal processing apparatus for receiving a television signal including image data of a plurality of programs and for recording the image data into a storage device, said signal processing apparatus assigning a code to each of the programs of the received television signal corresponding to the process to be executed by the program, wherein the process includes at least one of processes of program record reservation, listening/viewing reservation, ~~program detailed information display,~~ and program data reproduction, and a recording operation of the image data of the plurality of programs into the storage device being controlled in accordance with a selected code manually selected from the codes assigned to the plurality of programs and the codes assigned to the plurality of programs.

Claim 23 (Original):   An apparatus according to claim 22, further reproducing the image data of the plurality of programs from the storage device and assigning a code to each of the programs of the recorded image data, and a reproducing operation of the image data of the plurality of programs from the storage device being controlled in accordance with a selected code manually selected from the codes assigned to the plurality of programs and the codes assigned to the plurality of programs.

Claim 24 (Original):   An apparatus according to claim 22, further performing a search of each of the plurality of programs for programs matched with predetermined requirement and assigning a code to the program found out by the search.

- 7 -